

### PROGRESS (•) / ISSUES (→):

- Completed the Argonne ATSR and Building 579 D&D Projects.
- CP-5 Demonstration Project complete; final report published; ITSR Publications (“Green Books” ) are in progress.
- FY 1998 Management Commitments have been met or exceeded.
- Center for Risk Excellence (CRE): Improving risk information in **Paths To Closure**, developing risk profiles, supporting site and HQ risk assessment activities and facilitating national discussion of residual risk issues.
- Draft comprehensive baseline revisions for CH Environmental Restoration Projects reviewed by DOE Federal Energy Technology Center; baselines will be resubmitted in December 1998.
- Completed removal of CP-5 reactor vessel and internals.
- Shipped 543 cubic meters of LLW off site.
- Fermi and Argonne-West have been transferred back to the program offices; Princeton, Ames, and Argonne-East will be transferred in FY 2000; Brookhaven is tentatively scheduled for transfer in FY 2001.
- CH and Brookhaven Group continue to have discussions with Office Of Science (SC) and EM regarding characterization/stabilization schedule and funding availability for BNL’s Graphite Research Reactor (BGRR). A proposal is being considered in which EM ownership of the facility is accelerated.
- On site capacity for storage of liquid LLW has almost been exhausted at BNL. A draft plan for resolution has been put into place, but will require more stakeholder involvement/buy-in. A large amount of this LLW was generated due to HFBR shutdown and BGRR cleanups.
- In conjunction with Brookhaven Group, EPA Region 2, NYSDEC, and Suffolk County Department of Health, CH has completed a review of the proposed Operable Unit III Record of Decision for Brookhaven groundwater plumes. Several options are under consideration regarding potential additional activities to address the Strontium 90 plumes, limit VOC plume growth, and improve VOC capture. Subsequent phases of the CH review are evaluating Operable Units I and V regulatory compliance strategies and community relations activities, and the waste management program.

## ***Chicago Operations Office: FY 1998 Year-End Review***

*Chicago:*  
Progress/Issues

### **PROGRESS (•) / ISSUES (→):**

- Draft environmental restoration baselines are now projecting completion dates beyond FY 2006 for BNL. This is due to widening funding shortfalls and forecasted costs associated with key ROD's.
- At the request of EM-30/44, the CRE is developing the Risk Plan and Risk S&T Needs for the Hanford Groundwater/Vadose Zone Inspection Project.

# Chicago Operations Office: FY 1998 Year-End Review

*Chicago:*  
Financial Profile

**CHICAGO UNCOSTED BALANCES YEAR-TO-DATE ARE 18%.**

\$ in Thousands

Chicago		1/		2/	FY 1998	FY 1998	3/		
		FY 1997 Uncosted			Total		FY 1998	FY 1998 Uncosted	
		\$	%		FY 98 BA		Available	Costs	\$
<u>Operating</u>									
WM	4/	1,660	5%	20,927	22,587	20,066	2,521	11%	
ER	4/	6,557	13%	35,762	42,319	35,757	6,562	16%	
NM/FS	4/	1,664	30%	4,693	6,356	4,873	1,483	23%	
OST		--	--	--	--	--	--	--	
- TD		2,771	12%	10,230	13,001	10,664	2,338	18%	
- S&R		1,663	36%	5,419	7,082	5,327	1,755	25%	
Closure		0	0%	0	0	0	0	0%	
Other		3,852	20%	15,056	18,908	13,426	5,481	29%	
Total Operating		18,166	13%	92,087	110,253	90,113	20,140	18%	
<u>Construction</u>									
WM-Other		1,343	23%	(444)	899	733	167	19%	
Total Constr.		1,343	23%	(444)	899	733	167	19%	
Total CH		19,509	14%	91,643	111,152	90,846	20,307	18%	

1/ FY 97 Uncosted reflects FY 98 beginning uncosted.

2/ FY 98 BA reflects total obligational authority

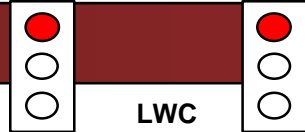
3/ FY 98 Uncosted includes uncosted obligations and unobligated balances as of September 30, 1998

4/ Includes HQs directed funding at Chicago

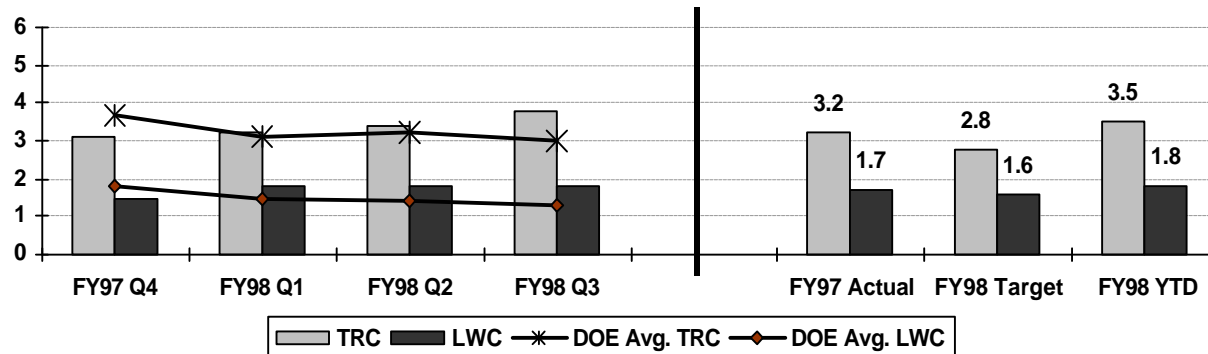
# Chicago Operations Office: FY 1998 Year-End Review

**Chicago:**  
Safety & Health  
Measures

## Safety & Health



### Rates per 200,000 Work Hours



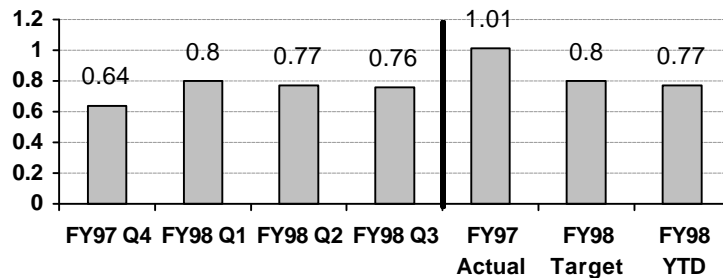
#### Notes:

- 1) CAIRS data from 11/12/98 includes all Secretarial offices. The EM Program comprises 4.6% of Chicago.
- 2) Total Recordable Case (TRC) rate and Lost Workday Case (LWC) rate for most recent quarter may increase.

## EM Procedure Deficiencies/Violations

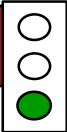


### Number of Events per 200,000 Work Hours

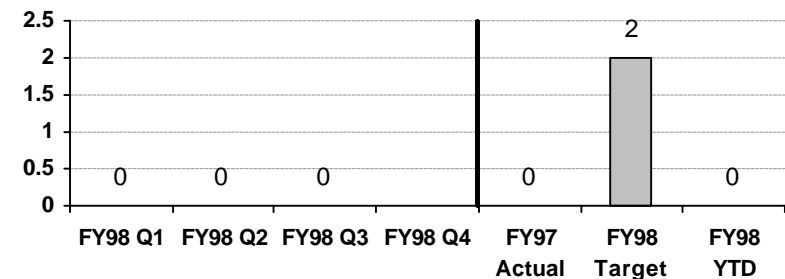


## EM ORPS Corrective Action Status

(Actions beyond initial target date)



### Number of Corrective Actions



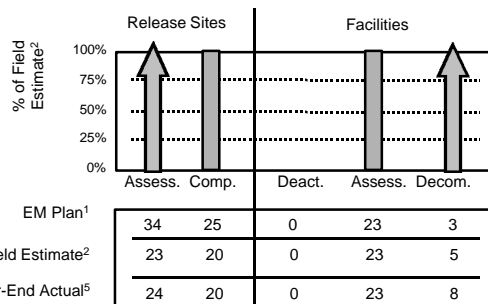
- Red = Problem Areas
- Yellow = Potential Problems
- Green = Acceptable Performance

# Chicago Operations Office: FY 1998 Year-End Review

**Chicago:**  
Corporate Performance  
Measures

**FY98 Adjusted Appropriation : \$50,413K (1% of EM Total)**

## Environmental Restoration



## Technology Deployment

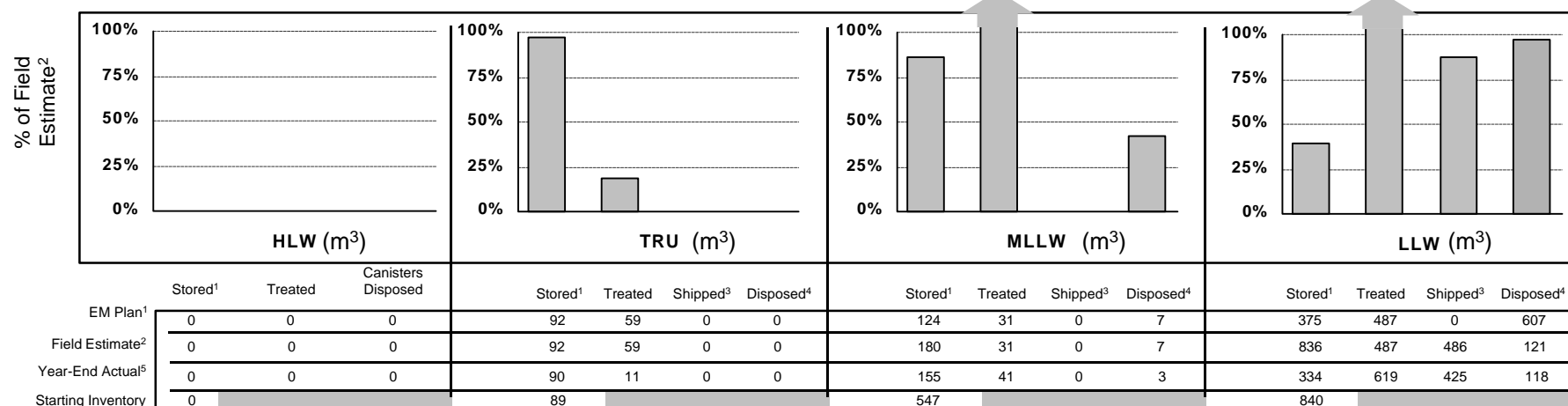
### Number of Innovative Technology Deployments - FY 1998: 5

- In Well Vapor Stripping (Brookhaven) 12/97
- Soil Mixing (Argonne) 1/98
- Surface Contamination Monitor 2/98
- Remote Controlled Concrete Demolition System (Argonne) 3/98
- In-Situ Object Characterization System 4/98

## Nuclear Mat'l & Fac. Stabilization

**Not Applicable**

## Waste Management



<sup>1</sup> As reported in FY 1999 Congressional Budget Request (2/98)

<sup>2</sup> As Reported in FY 1998 Management Commitments (5/98)

<sup>3</sup> Shipments to DOE disposal sites

<sup>4</sup> Disposed on-site/commercial

<sup>5</sup> As reported in FY 2000 Performance Based Budget Limited Update Guidance (10/98)

## Variance Reporting: (Actual vs. Plan)

- *Facilities Decommissioning Cleanup*: Two additional ATS Reactor and three additional Building 579 Ion Exchange facilities were completed. (267% of Plan; 160% of Field Estimate)
- *Release Sites Assessment*: Brookhaven extended schedule to accommodate additional scope. Release sites assessments exceeded CH Management Commitments (23) by less than 10%. Management commitments contained more current programmatic information. (71% of Plan; 104% of Field Estimate)
- *Release Sites Cleanup*: Brookhaven extended schedule to accommodate additional scope. Release sites completions were the same as CH Management Commitments (20). Management commitments contained more current programmatic information. (80% of Plan; 100% of Field Estimate)
- *TRU (m<sup>3</sup>) Treatment*: Awaiting installation of an RTR machine. (19% of Plan; 19% of Field Estimate)
- *MLLW (m<sup>3</sup>) Treatment*: More waste was generated than anticipated. (132% of Plan; 132% of Field Estimate)
- *MLLW (m<sup>3</sup>) Storage*: Increases are to account for the total MLLW under EM-30 control at ANL-E. (125% of Plan; 86% of Field Estimate)
- *MLLW (m<sup>3</sup>) On-Site/ Commercial Disposal*: Variance is due to commercial facility disposal issues. (43% of Plan; 43% of Field Estimate)
- *LLW (m<sup>3</sup>) Treatment*: Actual quantities reflect more consistent definitions of treatment activities (sorting, volume reductions, etc.) among sites. (127% of Plan; 127% of Field Estimate)
- *LLW (m<sup>3</sup>) Storage*: Less waste as generated than anticipated. (89% of Plan; 40% of Field Estimate)
- *LLW (m<sup>3</sup>) On-Site/ Commercial Disposal*: 486 of the 607 m<sup>3</sup> target was moved to "DOE Disposal Sites" rather than "Commercial" in the CH Management Commitments to identify the proper division of disposal. (19% of Plan; 98% of Field Estimate)
- *LLW (m<sup>3</sup>) Ship to DOE Disposal Site*: 483 m<sup>3</sup> was moved from "Commercial" to "DOE Disposal Sites" in the CH Management Commitments to identify the proper division of disposal. (87% of Field Estimate)

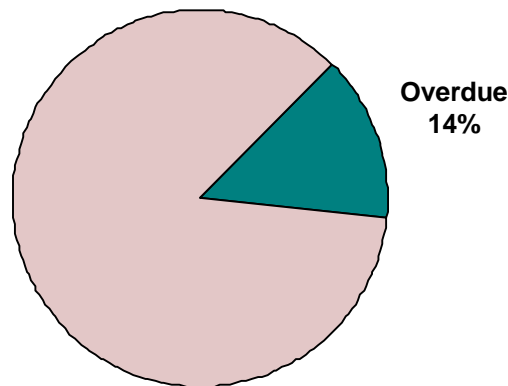
# Chicago Operations Office: FY 1998 Year-End Review

*Chicago:*  
Enforceable Agreement  
Milestones

SEPTEMBER PTS DATA SHOWS CH HAS A TOTAL OF 7 ENFORCEABLE AGREEMENT MILESTONE IN FY 1998. OF THESE THERE ARE, 6 COMPLETE, 0 ON SCHEDULE, 1 OVERDUE, 0 FORECAST DELAY AND 0 CANCELLED.<sup>1/</sup>

## Enforceable Agreement Milestones

PTS Data - 09/30/98



**Complete**  
86%

**Overdue**  
14%

Milestone Title	Planned Date	Forecast Date	Comments
<b>Overdue Milestones</b>			
CH -2321 OU3: DRAFT ROD TO EPA/DEC	07/10/98	02/01/99	An extension was obtained from the regulators from April to July 1998 and subsequently to 2/1/99. The additional time is required for the IAG parties to reach agreement on the final Operable Unit III Remedy.
<b>Forecast Delay Milestones</b>			
None			

<sup>1/</sup>Enforceable Agreement Milestones for Chicago Operations Office are reported at the Operations Office Responsibility Level 2. Of Chicago's 7 Enforceable Agreement milestones, 6 are level 2 and are not included in EM's Enforceable Agreement Milestones Grand Total.